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Nota di contenuto	Front Matter; Preface; Acknowledgments; Contents; Summary; 1 Introduction; 2 Measured Global Sea-Level Rise; 3 Contributions to Global Sea-Level Rise; 4 Sea-Level Variability and Change off the California, Oregon, and Washington Coasts; 5 Projections of Sea-Level Change; 6 Responses of the Natural Shoreline to Sea-Level Rise; References; Appendix A: Vertical Land Motion and Sea-Level Data Along the West Coast of the United States; Appendix B: Sea-Level Rise in the Northeast Pacific Ocean; Appendix C: Analysis of Sea-Level Fingerprint Effects

Appendix D: Long-Term Tide Gage Stability From Leveling Data  
Appendix E: Cryosphere Extrapolations; Appendix F: Biographical  
Sketches of Committee Members; Appendix G: Acronyms and  
Abbreviations

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Sommario/riassunto

"Tide gages show that global sea level has risen about 7 inches during the 20th century, and recent satellite data show that the rate of sea-level rise is accelerating. As Earth warms, sea levels are rising mainly because ocean water expands as it warms; and water from melting glaciers and ice sheets is flowing into the ocean. Sea-level rise poses enormous risks to the valuable infrastructure, development, and wetlands that line much of the 1,600 mile shoreline of California, Oregon, and Washington. As those states seek to incorporate projections of sea-level rise into coastal planning, they asked the National Research Council to make independent projections of sea-level rise along their coasts for the years 2030, 2050, and 2100, taking into account regional factors that affect sea level."--Publisher's description.

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